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October 16, 2014

FRED ROY
PARKER HANNIFIN CANADA INC
4635 DURHAM RD S
GRIMSBY ON L3M 4G4
CA

Service Request Type.: BPV-National AB
Service Request No.: 1446754
Your Reference No.: RH SERIES RELIEF VALVES - NAT'L SERV.
Registered to.: PARKER HANNIFIN - INSTRUMENTATION PRODUCTS DIVISION

Dear FRED ROY,

Please find enclosed the original response from AB, registered under the CRN No.: 0C08778.52.

As all jurisdictional fees are handled by the Technical Standards and Safety Authority (TSSA), you do not pay any jurisdictions directly.

Should you have any questions or require further assistance, I will be happy to assist you.
For general enquiries, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Tanya Francis
Administrative Assistant_ BPV Engineering
Tel. : 416-734-3423
Fax : 416-231-6183
Email : tfrancis@tssa.org



the pressure equipment safety authority

9410 - 20 Ave N.W.
Edmonton, Alberta, Canada T6N 0A4
Tel: (780) 437-9100 / Fax: (780) 437-7787

August 25, 2014

Attention: Tanya Francis
TECHNICAL STANDARDS & SAFETY AUTHORITY
3300 BLOOR STREET WEST
14 FLOOR CENTRE TOWER
TORONTO, ON M8X 2X4

The design submission, tracking number 2014-06254, originally received on July 30, 2014 was surveyed and accepted for registration as follows:

CRN : 0C08778.52

Accepted on: August 25, 2014

Reg Type: Addition to Acc. Fitting

Expiry Date: July 14, 2024

Drawing No. : 4135-CV; RH SERIES RELIEF VALVES As Noted

Fitting type: VALVES

Design registered in the name of : PARKER HANNIFIN

The registration is conditional on your compliance with the following notes:

This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration form. This registration is valid only until the indicated expiry date only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date. Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.

Not to be used as the primary safety valves

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

Enclosed are stamped prints for your reference.

Sincerely,

GRYNCHUK, MILLA



the pressure equipment safety authority

STATUTORY DECLARATION
Registration of Fittings

In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.

P

I, Tony Wyszkowski,

General Manager

(company title, e.g. vice president, plant manager, chief engineer) (must be in a position of authority)

of Parker Hannifin Corporation - Instrumentation Products Division

(name of manufacturer)

located at 1005 A Cleaner Way SW, Huntsville, Alabama

(plant address)

do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (check one)

comply with the requirements of _____ which specifies the dimensions, (title of recognized North American Standard)

materials of construction, pressure/temperature ratings and identification marking of the fittings, or

are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with MSS-SP-99, MSS-SP-105 as supported by the attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified by the following authority, Det Norske Veritas as being suitable for the manufacture of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are Instrument Relief Valves

In support of this application, the following information, calculations and/or test data are attached:

RH Series Relief Valve Pressure Integrity Report 2014, Catalog 4135-CV CheckValves, Filters and Relief Valves
(cover, toc, pages 36-39), ISO Certificate (DNV)

DECLARED before me at Huntsville in the State of Alabama

this 13 day of May, 2014
(Month) (Year)

(print) Sheri Coggan

(sign) Sheri Coggan
(A Commissioner for Oaths)

[Signature]
(Signature of Applicant)

For Office Use Only

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Clause 4.2, and is accepted for registration in Category C

Registration Number: 0C 08778 . 52

IRLA GRYNCHUK [Signature]

(For the Administrator/Chief Inspector of Alberta)

Date Registered: AUG 28 2014

Expiry Date: 2024-07-14

Scope

The table below shows the valve part number description from the catalog for the RH series relief valve. This is not a primary safety relief valve.

For this valve there is only one valve body (RH4A) available in only one material (in this case ASTM A182 Type F316). The valve is only available in the one size (in this case size 4 or approximately one quarter inch with an orifice of 0.14"). The minimum wall thickness for all valves in this line regardless of port connection is at the undercut of the bonnet thread on the valve body. The inlet and outlet port options all have wall thicknesses great than the valve body minimum. The seal material, actuation and spring options do not affect the valve minimum wall.

AZ		RH4A		BN		I		SS		K6	
Inlet Port*	Outlet Port*	Valve Series	Seal Material	Back-Up Rings**	Body Material	Actuation	Spring Kit***				
Inlet Port*	Outlet Port*	Valve Series	Seal Material	Back-Up Rings**	Body Material	Actuation	Spring Kit*** (psig)				
4M	Male NPT	RH4A	V Fluorocarbon Rubber	I PTFE	SS 316 Stainless Steel	Blank Standard	K1 60 - 350				
4F	Female NPT		BN Nitrile Rubber			MAN Manual Override	K2 350 - 750				
4A	A-LOK* Compression		EPR Ethylene Propylene Rubber				K3 750 - 1500				
4Z	CPI* Compression		NE Noreprene Rubber				K4 1500 - 2250				
4KF	Female BSP/ISO		KZ Highly Fluorinated Fluorocarbon Rubber				K5 2250 - 3000				
4KM	Male BSP/ISO						K6 3000 - 4000				
M6A	A-LOK* Compression						K7 4000 - 5000				
M6Z	CPI* Compression						K8 5000 - 6000				
M8A	A-LOK* Compression						K9 6000 - 8000				
M8Z	CPI* Compression										

ASCA

SAFETY CODES ACT - PROVINCE OF ALBERTA

REGISTRATION OF FITTINGS

REGISTRATION NO. 0C08778.52

DWG. NO. or CAT. NO. Scope 435-CV

TYPE OF FITTINGS valves

AUG 25 2014

Date _____ INITIALS ML

MILLA GRYNCHUK, P.ENG.
DESIGN SURVEY ENGINEER



Check Valves, Filters and Relief Valves

Catalog 4135-CV

December 2010

aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
pneumatics
process control
sealing & shielding



0C 08 17
ENGINEERING YOUR SUCCESS.